Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 15 Sep 2023 until 23:59 on Saturday 16 Sep 2023

Forecast Issued on Friday 15 Sep 2023 at 04:27

Confidence: High confidence for the change to unsettled conditions over the weekend and into next week. Lower confidence in regards to heavy shower and thunderstorm risk over the weekend and early next week.

Headline for Friday 15 Sep 2023: Early low cloud and hill fog clearing to leave a fine, bright and warm day.

Mountain weather hazards on Friday 15 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
20%	20%	10%	<05%	<05%	20%

Forecast for Friday 15 Sep 2023

Weather: A slight chance of some drizzle on high Peaks at first, otherwise dry. Extensive low cloud and hill fog early morning. Bright or occasional sunny spells developing during the afternoon. Staying dry with some clear spells by evening, before low cloud, mist and fog develops after dusk. A small chance of some rain overnight.

Chance of cloud-free hill tops above 600m: 20% first thing, improving to 80% by the afternoon, then 20% overnight.

Low cloud and visibility: Cloud bases down to 400-500m early morning, lifting to above the summits by the afternoon. Lowering to 400-500m by the late evening. Poor or very poor visibility in rain and low cloud early morning, improving to become mostly moderate or good in the afternoon, before deteriorating later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 15 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 S	12/15 SW	7/10 SW	6/9 SW	6/8 SE	8/11 E	9/12 NE
300	10/16 S	9/11 S	7/10 SW	7/10 S	4/6 E	6/10 E	7/13 NE
Valley	4/14 SE	7/11 SW	5/9 SW	5/9 SW	3/7 E	7/13 E	7/15 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	13/11	14/13	15/14	14/14	13/12	12/10
300	14/13	15/14	17/16	18/17	17/17	16/15	14/13
Valley	15/14	16/16	18/18	19/18	17/17	16/15	15/14
Freezing Level*	2900m	2900m	3000m	2900m	2700m	2600m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud bringing poor visibility to the highest peaks during the early morning, so extra care may be needed when navigating.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 15 Sep 2023	0mm	0mm	0mm

Forecast for Saturday 16 Sep 2023

Weather: Extensive low cloud, mist and fog forming overnight and early morning, which may give some outbreaks of patchy light rain and drizzle at times. Low cloud may linger throughout the day across the summits, although there is likely to be some occasional brighter during the afternoon, especially across some sheltered southern and western parts of the Park. Feeling cooler and fresher.

Maximum wind: Northeasterly 15-20mph, gusting 25-30mph on the summits.

Chance of cloud-free hill tops above 600m: 30% first thing, improving to 60% by the afternoon.

Low cloud and visibility: Cloud bases down to 300-400m overnight and early morning, gradually lifting to above the summits by mid-morning. Poor visibility in low cloud, mist and fog early in the day, improving to become mostly moderate to good through the remainder of the day.

Temperature: **Valleys:** Plus 12 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 11 Celsius, becoming Plus 15 Celsius.
Freezing level: Above the summits.

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